

20080226.ba v04_n149.bam.20080226

>From ???@??? Tue Feb 26 16:35:54 2008 -0500
Date: Tue, 26 Feb 2008 22:35:12 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4149
Message-Id: <20080226223513.423494701AF@srvr1.theporch.com>

BOATANCHORS Digest 4149

Topics covered in this issue include:

- 1) RE: Bama johnson Valiant
by "k4pf@juno.com" <k4pf@juno.com>
- 2) Bama site
by "RICHARD GEORGE" <k6kwq@msn.com>
- 3) Johnson Valiant manual
by "RICHARD GEORGE" <k6kwq@msn.com>
- 4) Re: Bama johnson Valiant
by Garey Barrell <k4oah@mindspring.com>
- 5) Re: Bama site
by john <johnmb@nc.rr.com>
- 6) Re: Bama johnson Valiant
by "Arden Allen" <gumbear@pacbell.net>
- 7) Re: FS: Unique Drake Service Information
by Mike Steussy <ae4r@cox.net>
- 8) Winter hamfest advisory
by Mike Steussy <ae4r@cox.net>
- 9) Northern Radio type 178 AFSK converter
by "Nick England" <nick@3rdtech.com>
- 10) GT550A Hygain Manual wanted
by "Bob Kemp" <bkemp@bobkemp.com>
- 11) WANTED: GF Antenna Relay
by WA5CAB@cs.com
- 12) Heathkit HW-100 available
by John Dilks K2TQN <oldradio@worldnet.att.net>
- 13) SX-42 project
by wb3fau@att.net
- 14) KSM OTA, K6KPH QTC
by Richard Dillman <ddillman@igc.org>
- 15) Collins mechanical filter FS
by "RICHARD GEORGE" <k6kwq@msn.com>
- 16) Filters are sold. thanks
by "RICHARD GEORGE" <k6kwq@msn.com>
- 17) Filters back up for sale
by "RICHARD GEORGE" <k6kwq@msn.com>
- 18) Re: SX-42 project

- by Scott Robinson <spr@earthlink.net>
- 19) Clarke Laboratories, NEMS-Clark 167-E Special Purpose VHF receiver
by "TChirhart" <sparks@codepoets.com>
- 20) R390A
by wb3fau@att.net
- 21) RE: SX-42 project
by AB Bonds <ab@vuse.vanderbilt.edu>
- 22) Tsunami
by AB Bonds <ab@vuse.vanderbilt.edu>
- 23) Vintage Ham Radio Contest from 'IK4NGI'
by John Dilks K2TQN <oldradio@worldnet.att.net>
- 24) Re: SX-42 project
by "Arden Allen" <gumbear@pacbell.net>

Mime-Version: 1.0
From: "k4pf@juno.com" <k4pf@juno.com>
Date: Wed, 20 Feb 2008 15:05:17 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Bama johnson Valiant
Message-Id: <20080220.100517.8714.1@webmail19.vgs.unttd.com>
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Type: text/plain; charset=windows-1252

The Valiant manual currently downloadable from the BAMA
mirror site is corrupted. (Fails to open with Foxit PDF reader).

I have a good Valiant pdf I previously downloaded. If you will send me
your email address directly, I'll send it to you. =

(I deleted the original poster's email request, sorry).

73,
Ed k4pf@juno.com

From: RICHARD GEORGE
Subject: Bama johnson Valiant

I have tried several different computers and both Bama sites. They all c=
ome
back different with problems. Most all say not a adobe reader file Just=

need schematic, can anyone help?

*****Downloads perfectly here from either Bama source,it most certainly =
is a
PDF file.Do you have the latest version of Adobe Reader?

Brian G

Message-ID: <BAY136-DAV4875F35B1913E90C0D87FF5230@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Bama site
Date: Wed, 20 Feb 2008 07:24:27 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_00E7_01C87391.A01A4EF0"

This is a multi-part message in MIME format.

-----_NextPart_000_00E7_01C87391.A01A4EF0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It looks like I'm not the only one having problems downloading things =
from the BAMA site. I have used this site for years but now I'm getting =
an error saying the file or any other file I try to download is not a =
PDF file or is corrupted. Anyone else having this problem? It happens =
on both sites.

Amps by "MORE POWER"
Dick K6KWQ
-----_NextPart_000_00E7_01C87391.A01A4EF0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----_NextPart_000_00E7_01C87391.A01A4EF0--

Message-ID: <BAY136-DAV1082620A6909B4719ABE9DF5230@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Johnson Valiant manual
Date: Wed, 20 Feb 2008 07:29:11 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_00F4_01C87392.49A66440"

This is a multi-part message in MIME format.

-----=_NextPart_000_00F4_01C87392.49A66440
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Thanks to all who have sent me the Johnson Valiant schematic. I know =
have it. Thanks again.

Amps by "MORE POWER"
K6KWQ Dick
-----=_NextPart_000_00F4_01C87392.49A66440
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_00F4_01C87392.49A66440--

Message-ID: <47BC58B1.5010901@mindspring.com>
Date: Wed, 20 Feb 2008 11:43:29 -0500
From: Garey Barrell <k4oah@mindspring.com>
MIME-Version: 1.0
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Bama johnson Valiant
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>

Opens fine in Adobe 7.0.9

73, Garey - K40AH
Glen Allen, VA

Drake 2-B, 4-B, C-Line & TR-4/C Service Supplement CDs
<www.k4oah.com>

k4pf@juno.com wrote:

> The Valiant manual currently downloadable from the BAMA
> mirror site is corrupted. (Fails to open with Foxit PDF reader).
>
> I have a good Valiant pdf I previously downloaded. If you will send me
> your email address directly, I'll send it to you.
> (I deleted the original poster's email request, sorry).
>
> 73,
> Ed k4pf@juno.com
>
>
>
>
>
> From: RICHARD GEORGE
> Subject: Bama johnson Valiant
>
> I have tried several different computers and both Bama sites. They all come
> back different with problems. Most all say not a adobe reader file Just
> need schematic, can anyone help?
>
>
> *****Downloads perfectly here from either Bama source,it most certainly is a
> PDF file.Do you have the latest version of Adobe Reader?
>
> Brian G
>
>
>
>

Message-Id: <6.2.1.2.2.20080220172239.042c36e0@pop-server.nc.rr.com>
Date: Wed, 20 Feb 2008 17:22:59 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>

Subject: Re: Bama site

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Try the BAMA MIRROR site...google will get you there. Works way mo bettah!

John K5MO

At 10:24 AM 2/20/2008, RICHARD GEORGE wrote:

>It looks like I'm not the only one having problems downloading things from
>the BAMA site. I have used this site for years but now I'm getting an
>error saying the file or any other file I try to download is not a PDF
>file or is corrupted. Anyone else having this problem? It happens on both
>sites.

>

>Amps by "MORE POWER"

>Dick K6KWQ

Message-ID: <005501c87417\$d473ae40\$529f480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Bama johnson Valiant

Date: Wed, 20 Feb 2008 15:24:50 -0800

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

> Opens fine in Adobe 7.0.9

Opens fine in Adobe 7.0.0.

Are we talking about the same file on BAMA,

>>><http://bama.edebris.com/download/johnson/valiant/valiant.pdf><<< ?

Arden Allen

KB6NAX

Message-ID: <47BCFBDB.10907@cox.net>

Date: Wed, 20 Feb 2008 23:19:39 -0500

From: Mike Steussy <ae4r@cox.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: FS: Unique Drake Service Information

Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Ahoy... In Boatanchors Digest 4148, Garey Barrell K40AH offered his CDs on classic Drake gear. I have the disks for the 2-B, the 4B and 4C lines and I plan to order his disk on the TR-4. Garey's CDs are very well done and have been extremely helpful in my efforts to put my Drakes on the air. (Garey has also given kind and informed advice that has helped me further.) I recommend Garey's disks to all those who like to use classic Drakes on the air. (Please note my endorsement is that of a satisfied customer; I don't have a stake in Garey's business dealings other than hoping he makes a disk for the 2-C receiver & 2-NT transmitter.)

73, Mike Steussy AE4R

Message-ID: <47BD0225.2090901@cox.net>
Date: Wed, 20 Feb 2008 23:46:29 -0500
From: Mike Steussy <ae4r@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Winter hamfest advisory
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Ahoy! List members who live within driving range of Northern Virginia should not miss the Vienna Winterfest this Sunday, 24 Feb, in Annandale, hosted by the Vienna Wireless Association. This hamfest has always been a good one for vintage equipment and with an insider's knowledge of just what will go on the club table (don't ask!) I'm confident this year's fest will continue the tradition. Unlike last year, the weather forecast looks promising. Please come and have fun. For details see the webpage at the link below.

73, Mike Steussy AE4R
<http://www.viennawireless.org/winterfest.php>

Date: Fri, 22 Feb 2008 12:40:35 -0500
From: "Nick England" <nick@3rdtech.com>
Subject: Northern Radio type 178 AFSK converter
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <018d01c8757a\$08291870\$fd0212ac@Heathkit2>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I recently acquired a Northern Radio type 178 AFSK converter - does anyone

have a manual or other info that I could borrow or purchase?

It is labeled as a Twinplex Converter - if this means it is a four-tone, two channel decoder, is this mode still in use by anyone?

I've added some photos of the type 178 and started a web page on Northern Radio RTTY gear at

<http://www.virhistory.com/navy/northern.htm>

All comments, additions, photos, links, corrections, etc. are welcomed.

cheers,

Nick KD4CPL

www.virhistory.com/navy

Message-ID: <000701c8761b\$6131b020\$6501a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: GT550A Hygain Manual wanted
Date: Sat, 23 Feb 2008 06:55:34 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone have one?

Need a copy.

Bob

wa0vrc

=====
Bob Kemp
Phone: 651-345-5345
FAX: 651-345-2707
mailto: bkemp@bobkemp.com
website: <http://www.bobkemp.com>
=====

From: WA5CAB@cs.com
Message-ID: <c93.22633ebd.34f19fca@cs.com>
Date: Sat, 23 Feb 2008 11:11:54 EST
Subject: WANTED: GF Antenna Relay
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_c93.22633ebd.34f19fca_boundary"

--part1_c93.22633ebd.34f19fca_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm still in need of a GF antenna relay. At this point, any model, any voltage, any condition.

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@comcast.net> (Backup email)

--part1_c93.22633ebd.34f19fca_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_c93.22633ebd.34f19fca_boundary--

Date: Sat, 23 Feb 2008 12:14:26 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks K2TQN <oldradio@worldnet.att.net>
Subject: Heathkit HW-100 available
Cc: rdconrad1@comcast.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
Message-Id: <20080223171602.82BC147005F@srvr1.theporch.com>

Please respond directly to Ray at -- rdconrad1@comcast.net

Hi John,

I'm in the procoess of moving. Is there a Heathkit collector between the Washington, DC area and Ithaca? I have an HW-100 that needs a caring home. I also have a mobile mount and a perhaps a DC supply. I

have found the HW-100 and mount as I'm sorting thru stuff.

I am in Gaithersburg, MD and moving to Ithaca, NY. Note: This Comcast ID will go dead next week, and I need to set up a new ID on Time Warner since Comcast is not in Ithaca.

The radio will be in MD until Monday, when it gets packed. Then, off to NY.

Thanks,
Ray NM20, ex KT4W

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-42 project
Date: Sat, 23 Feb 2008 19:04:10 +0000
Message-Id:
<022320081904.19648.47C06E2A00088E8900004CC022218675169B0A02D29B9B0EBF9A0E00CC0D99@att.net>

Well, here i am again, living up to the terminology[boatanchors]. Yes a new item has followed me home. A Hallicrafters SX-42. A quick look shows about 40 little waxy creatures looking suspicious as smoke came out of one in the IF strip. Such a wonderful thing-
BAs, caps and tubes. Russ.

Message-ID: <19700623.1203794774556.JavaMail.root@mswamui-blood.atl.sa.earthlink.net>
Date: Sat, 23 Feb 2008 19:26:14 +0000 (GMT+00:00)
From: Richard Dillman <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: KSM OTA, K6KPH QTC
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

KSM -

KSM is on the air again as usual this Saturday but with fewer frequencies active. Our RTTY transmitters and our 8 and 22Mc Morse require manual control. Since transmitter engineer Steve Hawes is on vacation, these transmitters are not on the air today. As of 1900Z we are active on (in kc):

426
500

4350.5
6474.0
12993.0
16914.0

426kc will be more active than usual today as the Masters Mates and Pilots free press will be broadcast on MF and HF starting at 1930Z. Pacific high seas weather will be broadcast as usual at 2130Z.

K6KPH -

K6KPH is guarding 7060kc and 14050kc as usual. Today we have 3 messages on the hook received over our circuit with AL7N, Fairbanks, Alaska. If any station can QSP these messages to the National Traffic Service please give K6KPH a call on the above frequencies.

It's best to use commercial calling procedures for K6KPH as the amateur channels are in the scan with the commercial frequencies so it may take a moment for the receiver to arrive on 7 and 14. Call "K6KPH" repeatedly (within the limits of FCC identification requirements of course) until K6KPH answers with "DE", then send your call.

Skype -

We monitor Skype at KSM operating position 1. If you'd like to chat with the op on duty the Skype name is radio-ksm. Sorry, our slow dial up line permits only keyboard to keyboard chats, not Skype calls.

VY 73,

RD

=====
Richard Dillman, W6AWO
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
<http://www.radiomarine.org>
=====

Message-ID: <BAY136-DAV21BF2DB4ABE6A45A30A46F51E0@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins mechanical filter FS
Date: Sat, 23 Feb 2008 12:16:50 -0800
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a For Sale a Collins mechanical filter part number 526 9427 00 F 455
FA 21 I would guess it is a 455kc filter. Removed from a working marine
radio. It also comes with 3 each what I call ceramic filters look like the
ones made by Clevite TO 02A.
\$25.00 for the lot or best offer and I pay postage CONUSA. I take Paypal.
Please reply of list.

K6KWQ Dick
Amps by "MORE POWER"

Message-ID: <BAY136-DAV55A2C749A0A87D7702A81F51E0@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Filters are sold. thanks
Date: Sat, 23 Feb 2008 12:33:36 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Filters are sold
Thanks

K6KWQ Dick
Amps by "MORE POWER"

Message-ID: <BAY136-DAV4E0B2B82522DFED52BAB7F51E0@phx.gbl>
From: "RICHARD GEORGE" <k6kwq@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Filters back up for sale
Date: Sat, 23 Feb 2008 12:46:46 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The filters are back up for sale first come first sale CONUSA only please.

K6KWQ Dick
Amps by "MORE POWER"

Mime-Version: 1.0
Message-Id: <p06240802c3e66084b021@[192.168.1.2]>
Date: Sat, 23 Feb 2008 15:58:25 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: SX-42 project
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Russ,

A couple of pointers about the SX-42, I having done mine about two years ago:

- 1) Take the bottom cover off the power tranny and change out the line bypass caps inside, using proper X2 rated ceramic UL approved caps. They only cost about 25 cents each, and give really good piece of mind. Mouser and Digi-Key have 'em.
- 2) Remove the shields of each IF can (coils stay where they are) and replace the resistors inside. I was also advised to replace the mica caps in there, too, as it seems Halli used poor quality micas.
- 3) The front end is accessed partly by removing the side cover of the chassis.
- 4) There are a couple of squeal stopper 10 ohm resistors in the rear part of the bandswitch that you just plain *cannot* replace. Mine had aged up to 15 ohms, and I decided I didn't care. If they are open you will have to undo the long bolts and spread those wafers apart, ugh!
- 5) You may need to take apart the IF crystal mounted to the bandwidth switch and clean its internal contacts to get the crystal filters to work. Mine was held together with two screws, so it wasn't difficult at all.
- 6) I have a copy of the factory bandspread/main tuning clutch adjustment procedure and will be happy to send you a copy if you need it.
- 7) There are two version of this radio. The later one uses one more tube as an IF amp in AM mode (but has same tube complement), as I recall. The Sams version is the later one. I have both schematics , ask if needed.
- 8) Follow the alignment instructions carefully. On at least one band, the L0 is below the signal rather than above as is usual.

When you're done, it works quite well for BC and SWL use.

Regards,

Scott

From: "TChirhart" <sparks@codepoets.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Clarke Laboratories, NEMS-Clark 167-E Special Purpose VHF receiver
Date: Sun, 24 Feb 2008 19:17:16 -0500
Message-ID: <000701c87743\$c855f5d0\$6501a8c0@warnerp93v1mse>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone have any details on this older receiver? VHF 175-260 MCc. Black wrinkle finish front panel. There is supposed to be one on display at the NSA museum up at Ft. Meade, MD.
Are there any collectors out there with an interest?

Thanks
73
Tom K4NCG

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R390A
Date: Mon, 25 Feb 2008 00:26:13 +0000
Message-Id:
<022520080026.16560.47C20B25000E5177000040B022230682229B0A02D29B9B0EBF9A0E00CC0D99@att.net>

I come into possession of a R390A IF deck, the heart and brains of said receiver? i would like to find pieces and other subchassis and build one of these. Anyone have parts they would like to sell or donate, please contact me.
Russ WB3FAU.

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: RE: SX-42 project
Date: Tue, 26 Feb 2008 14:50:44 -0600
Message-ID: <C2E12B15D2CA56409ED5354B2AA78B0D02E705F0@eecsmail.eecs.local>

From: AB Bonds <ab@vuse.vanderbilt.edu>
To: Old Tube Radios <boatanchors@theporch.com>

> -----Original Message-----
> From: owner-boatanchors@theporch.com
> [mailto:owner-boatanchors@theporch.com]On Behalf Of Scott Robinson
> Sent: Saturday, February 23, 2008 5:58 PM
> To: Old Tube Radios
> Subject: Re: SX-42 project
>=20
>=20
> Hi Russ,
>=20
> A couple of pointers about the SX-42, I having done mine=20
> about two years ago:
>=20
[snip]

I would add the following. There is a very real possibility of shorting= in the bandswitch due to burnt phenolic. They run the B+ for the first= RF stage through the switch right next to the antenna signal, and it= can leak, which causes severe bias problems. The B+ can burn the switc= h if the bypass caps short, which often occurs. There is also a "tone= control" switch that can have the same malady. Check the RF tube grid= bias voltages and look carefully at all of the phenolic switches.

After the struggle, it is a mighty fine radio.

A. B. Bonds

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="----_=_NextPart_001_01C878BA.92029CA7"
Subject: Tsunami
Date: Tue, 26 Feb 2008 15:00:08 -0600
Message-ID: <C2E12B15D2CA56409ED5354B2AA78B0D02E705F1@eecsmail.eecs.local>
From: AB Bonds <ab@vuse.vanderbilt.edu>
To: Old Tube Radios <boatanchors@theporch.com>

This is a multi-part message in MIME format.

-----_=_NextPart_001_01C878BA.92029CA7
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Trifle with Mother Nature at your peril.

=20

Earlier this week got hit by a huge lightning strike, blew a big ole tree in my backyard all to splinters (picking up trunk debris from my driveway...)

=20

It took out

=20

Five circuit breakers

Four X-10 units

Three window switches (for the burglar alarm)

Two cordless phones

And a mess of other stuff that I am still finding out about, including said burglar alarm. Even hosed some of the in-wall wiring in the alarm and telephone system (arghh).

=20

Most of the electronic stuff had their wall warts opened up, implying an enormous spike on the house wiring. A couple of light switches exploded, nothing but shrapnel in the wall boxes. The phone system was totally dead, one of the phone cords turned into a crispy critter. The on-off switch on an old piece of HiFi gear had its rocker welded to the can, go figure. The good news is that the expensive modern stuff was protected by a Belkin surge arrestor AND an APC UPS, and some of it still works fine. But I will replace the Belkin. The JVC stereo receiver lost its DSP section, the dish receiver lost its component video output and a cassette player has no semiconductor junctions left intact. eBay is a good fix for these problems...

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The only comms receiver I had connected to an antenna at the time was the R-390. The NE48 across the input totally exploded, but the bridging 220k is fine and the antenna input transformer is fine. The set was pretty deaf, but working. I went out to check the 80 ft long wire and it was totally gone, go figure. Can't even find shreds.

=20

So I will bury the NE48 with full military honors, since it protected its territory. Fortunately, you can still find these if you look around. I thought about replacing it with a big honking MOVistor, but they have a pretty high capacitance (500 pf or so), which is probably not a good idea to hang on the antenna input. Any other thoughts about modern methods of protection?

=20

A. B. Bonds

-----=_NextPart_001_01C878BA.92029CA7

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_001_01C878BA.92029CA7--

Date: Tue, 26 Feb 2008 17:25:32 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks K2TQN <oldradio@worldnet.att.net>
Subject: Vintage Ham Radio Contest from 'IK4NGI'
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
Message-Id: <20080226222647.7F5CA47005E@srvr1.theporch.com>

From: "IK4GNI" <ik4gni@aririmini.it>
To: <k2tqn@arrl.net>
Subject: contestvintage-hf2008

Hello John!
I am luca (ik4gni) from Rimini.
I write to you to let you know about this new contest where
competitors must use only radio vintage!
Will certainly be a great success!
We need to show that this contest will be Sunday April 13, 2008.
This is the link of the web-site:
<http://www.beepworld.it/members/contestvintage>
If you need information do not hesitate to write me.
73 de luca - ik4gni.

Message-ID: <005001c878c7\$834150e0\$799e480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SX-42 project
Date: Tue, 26 Feb 2008 14:23:41 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I would add the following. There is a very real possibility of shorting

in the bandswitch due to burnt phenolic. They run the B+ for the first RF stage through the switch right next to the antenna signal, and it can leak, which causes severe bias problems. The B+ can burn the switch if the bypass caps short, which often occurs. There is also a "tone control" switch that can have the same malady. Check the RF tube grid bias voltages and look carefully at all of the phenolic switches.

Phenolic switch wafers are die cut from phenolic board material. Being somewhat porous any contamination such as carbon flash from a burnt resistor or capacitor, especially aided by moisture, can lead to tracking and eventual shorting between terminals. That is why it is important, and particularly after repairing a damaged switch by removing burnt material, to use a contact cleaner containing lubricant to seal the insulation's pores. Saturate the entire wafer but avoid getting any on mica compression trimmer caps or you'll have more work to do to get the alignment straightened out.

Arden Allen
KB6NAX

End of BOATANCHORS Digest 4149
